



U.S. Department  
of Transportation  
**Pipeline and  
Hazardous Materials  
Safety Administration**

**IAEA CERTIFICATE OF COMPETENT AUTHORITY  
SPECIAL FORM RADIOACTIVE MATERIALS  
CERTIFICATE USA/0354/S-96, REVISION 5**

400 Seventh Street, S.W.  
Washington, D.C. 20590

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency<sup>1</sup> and the United States of America<sup>2</sup> for the transport of radioactive material.

1. Source Identification - Isotope Products Laboratories Model No. 274-1.
2. Source Description - Cylindrical single encapsulation made of Type 304 or 304L stainless steel and seal welded. Approximate outer dimensions are 1.53 mm (0.06 in.) in diameter and 5.08 mm (0.2 in.) in length. Construction shall be in accordance with attached Isotope Products Laboratories Drawing A-3814.
3. Radioactive Contents - No more than 0.74 GBq (0.02 Ci) of Cesium-137. The Cs-137 is in the form of CsCl in gold wire.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 310 of the IAEA regulations<sup>1</sup> shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors and consignees in the United States exporting or importing shipments under this certificate shall satisfy the requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires on June 30, 2011.

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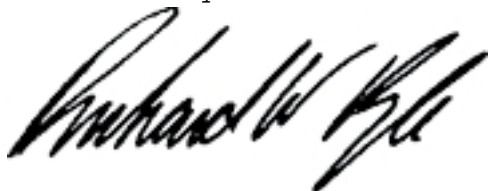
<sup>1</sup> "Regulations for the Safe Transport of Radioactive Material, 1996 Edition (Revised), No. TS-R-1 (ST-1, Revised)," published by the International Atomic Energy Agency(IAEA), Vienna, Austria.

<sup>2</sup> Title 49, Code of Federal Regulations, Parts 100-199, United States of America.

**CERTIFICATE USA/0354/S-96, REVISION 5**


This certificate is issued in accordance with paragraph 804 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the May 23, 2006 petition by Isotope Products Laboratories, Valencia, CA and in consideration of other information on file in this Office.

Certified By:



**Jun 21 2006**

(DATE)

 Robert A. McGuire

Associate Administrator for Hazardous Materials Safety

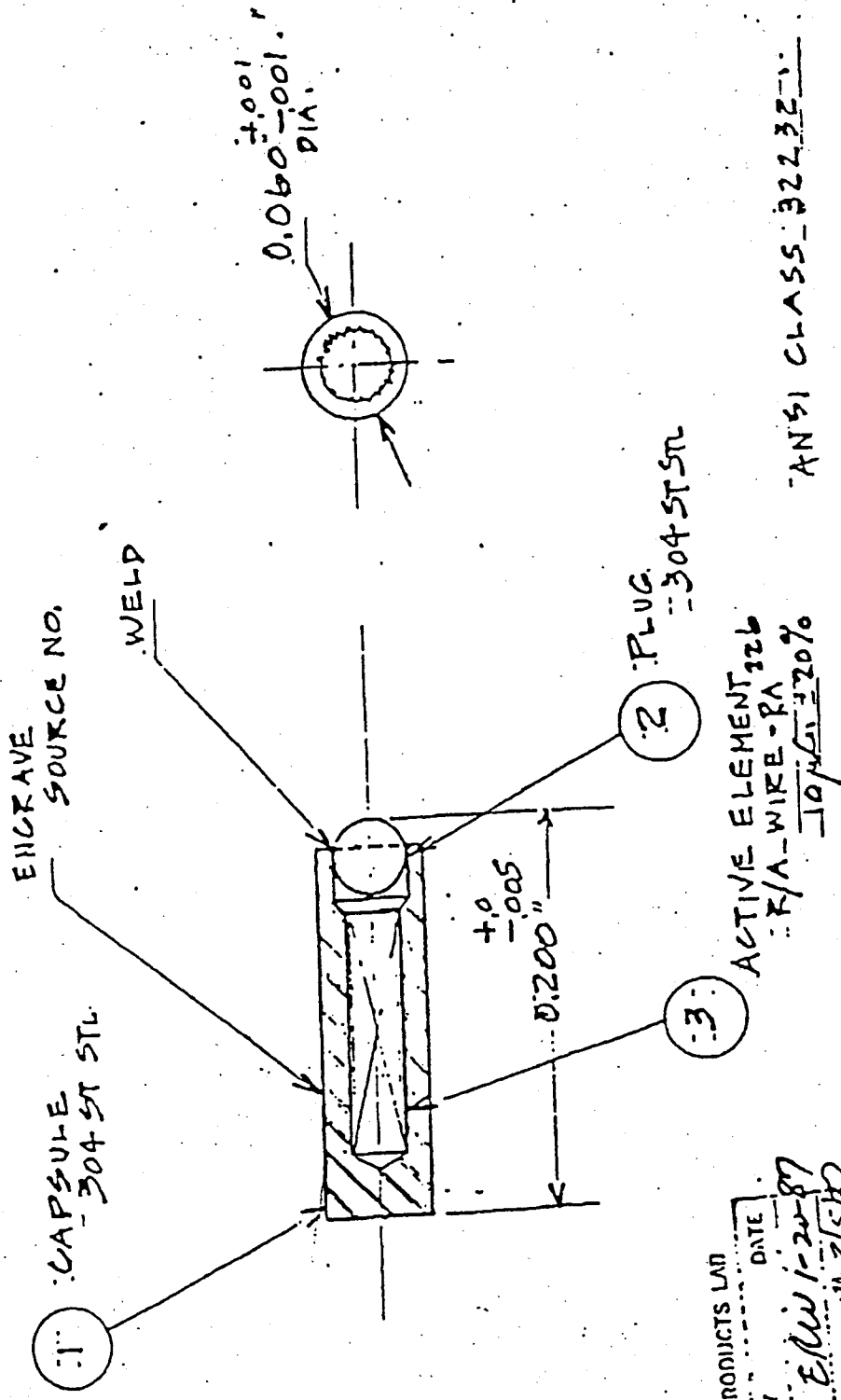
Revision 5 - Issued to renew the expiration date.

SUPERCEEDS DWG No 274

SPECIAL FORM CERTIFICATION

USA/0354/S-REV 0

ACTUAL SIZE



ISOTOPE PRODUCTS LAB

APPROVED BY	DATE
ELW 1-20-87	8/12/87
ENG.	8/12/87
DESIGNED BY	8/12/87
MANUFACTURED BY	8/12/87

ANSI CLASS 322.32-1

DECEMBER 1989

# ISOTOPE PRODUCTS LABORATORIES

BURBANK, CALIFORNIA 91504

DRAWING TITLE	ASSEMBLY MODEL 274-1 CAPSULE	SIZE	10 TO 1
SERIES TITLE	HIGH INTENSITY GAMMA/NEUTRON SOURCE	DRAWN BY	
DRAWN BY	A. DEXTER	DRAWING NUMBER	A-3814
		REVISION	A